ABSTRACT OF THE DISCLOSURE

A method for generating a screened representation of an image, includes the steps of: (a) generating a first dot of the screened
5   representation, wherein the first dot has a first dot size of at least two microdots; (b) repeating the dot generation step until a first number of the first dots are generated; (c) arranging the first number of dots in a frequency modulated pattern; (d) selecting a second number of second dots out of the first dots, wherein the
10 second number is at most equal to the first number and larger than zero; and (e) enlarging the second dots by adding one or more microdots to each of the second dots.